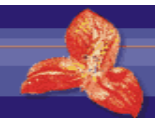
Development of an Application Profile relevant to specialised music collections in an African context

Pat Liebetrau
Digital Imaging South Africa (DISA)
August 2007



- Digital Imaging South Africa (DISA

  - Supporting scholarly research
  - Skills in digital technologies
  - Capacity building

  - Collaborative effort
  - Anti-apartheid journals
  - Archival documents
  - Multimedia ……

Music as part of the struggle

… resistance is …. also about staying human in the face of inhumanity … affirming life in the face of a rigid denial of it .. (Rhythms of resistance)

- Political use of popular music
- Music as “hidden history” / “popular history”
- Music and musicians often banned and censored ….

Photo - Robbie Bishop - Springs Rock Festival 1979

Digitisation

- Fractured private collections
- Difficult to access
- Physical media deteriorating
- Online access to support scholarly research

The music projects

- SAMAP (South African Music Archive Project)
  - South African music
  - HYMAP (Hidden Years Music Archive Project)
- ILAM (International Library of African Music)
  - Largest archive of African music in sub-Saharan Africa

SAMAP - Mission - Windows Internet Explorer

http://aboutdisa.ukzn.ac.za/samap/mission.htm

SAMAP - Mission

SAMAP

SOUTH AFRICAN MUSIC ARCHIVE PROJECT

VISION AND MISSION

The digital conversion of South African music archives will provide a valuable research resource for postgraduate study, and will also undoubtedly nurture considerable public interest in this material.

The project aims to create an online resource on indigenous South African music and associated cultural heritage, so as to promote multidisciplinary research into the field of popular music and culture.

The development of a national resource will require the survey of potential collaborators and institutions that work in similar domains, so that knowledge and resources can be shared.

The project will network with South African collectors to gather, preserve, and make accessible through electronic services South African indigenous music in digital form, for research, teaching and learning. In the process, academic research will engage with other systems of knowledge, and thus expand research capacity in the field of indigenous knowledge in South Africa.

3rd Ear Music - Hidden Years, Township Jazz - Windows Internet Explorer

http://www.3rdearmusic.com/

Third Ear Music

3rd Ear Music - Hidden Years, Township Jazz

Page Tools

3rd Ear Music

THE HIDDEN YEARS ARCHIVES | REISSUES | NEWS FORUM | LYRICS | PROJECTS | GALLERY | ABOUT | ORDER | LINKS

3rd Ear Music - 19th Edition - Dec 2005 - updated: 22/12/05 - previous edition

3rd Ear Music's Hidden Years Archive Project is a unique collection of alternative SAfrican music. Live Recorded desk-mixes from Township to City Festivals, Concerts, Clubs & independent Studios - 1964 to date. For archive re-issues & current 3rd Ear productions speak to us! - we can customize copies provided all the necessary permission, copyright & licensing is cleared. See copyright note below >>

3rd Ear reissues:

Sipho Mchunu – umHlaba uzoBuya 1990 (The World is Coming Back)
Hugh Masekela – Live in Lesotho 1980
Finch & Henson – The Very Best of 1974 to 1980
Mike Dickman – As Yet Unreleased 1968 to 1974 – Work in Progress

> Hidden Years Music Archive for 2 John Lennon Books
Hidden Years Music Archive Photos, taken from the sound-mixer at gigs – in the USA & SAfrica - now featured in various international productions; as stills for TV / Film documentaries, in biographies, academic studies, books & websites.
...read more >>

> HY Woodstock & USA Photos
1969 Photos by David Marks / John Brody (RIP)
...read more >>

> 3rd Ear Music's Hidden Years Music Archive Project & the University of KwaZulu-Natal announce the National Research Foundation Grant
The project is expected to generate multidisciplinary research interest in the fields of Library and Information Studies, Law, English, History, Politics, Music and Education, amongst others.
...read more >>

> Juluka's Sipho On Comeback Trail
Sipho Mchunu is a brave man. Two years ago he broke with partner Johnny Clegg to be with his large family and to till the soil. Juluka was no more.
...read more >>

Search 3rd Ear

Search

ONE WORLD south african music store

QuickLinks

Hidden Years:

Hidden Years Stories
Mbube
Free Peoples Concert
Colin Shamley
The Turtles last tour
Let's look up Brother
Sound African Safari
D Kramer-Dry Wine
Woodstock Vision
Newport USA '69
Milner Park Massacre
T. Bird - Malawi Malombo

Where are they now
Manhattan Brothers
David Marks
Bob Denton
Mike Dickman
Tighthead Fourie
Noise Khanyile
Hugh Masekela
Kippie Moeketsi

Internet | Protected Mode: On 100%

The music projects

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International Library of African Music (ILAM) - Windows Internet Explorer

http://ilam.ru.ac.za/page.php?pID=16

ILAM

International Library of African Music (ILAM)

Page Tools

International Library of African Music

ILAM

Welcome to ILAM

the largest archive of African music in sub Saharan Africa

learn more...

- Home
- History
- Products
- Publications
- Services
- Staff
- Ethnomusicology
- Current Projects
- News Archive
- Links
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More about ILAM

Founded in 1954 by **Hugh Tracey**, ILAM is the greatest repository of African music in the world. A research institution devoted to the study of music and oral arts in Africa, it preserves thousands of historical recordings going back to 1929 and supports contemporary fieldwork. It is currently digitizing its collections. Its journal, African Music, is nearly into its fourth decade.

ILAM aims to discover, record, analyze, and archive the music of sub-Saharan Africa, with the object of establishing a theory of music making in Africa and assessing the social, cultural, and artistic values of African music. It is a subdivision of the Institute of Social and Economic Research at the Rhodes University campus in Grahamstown, South Africa.

quick search

GO

latest news

ILAM Outreach Concert 04.04.07

As a way of preserving African heritage and also as part of our outreach proramme, ILAM hosts quarterly concerts featuring both well known and local artists. Here, an exerpt from a local Newspaper "Grocotts Mail", reporting on the concert held on Friday, 16th March 2007.

Done

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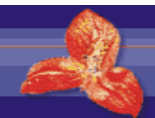
Photo courtesy of ILAM

Photo courtesy of ILAM

Aims

- *create* an online resource of Southern African music
- *record* indigenous knowledge
- *promote* multidisciplinary scholarly research
  - supported by National Research Foundation (NRF)
  - a theory of music making in Africa
  - assessing the social, cultural, and artistic values of African music
- *preserve* cultural music collections
- *contribute* to multimedia archive of struggles for freedom

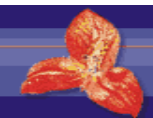


An African context

- Open source
- Open access
- Open standards
- Open data

Greenstone Digital Library Software

- Version 2.72; 2.73 (unstable); 2.74 (available for download)
- Open source and licence-free
- fully-searchable, metadata-driven digital library
- easy to install and manage
- each collection is built separately to retain own identity
- customisable to search across collections or on one collection



Welcome :: Greenstone Digital Library Software - Windows Internet Explorer
http://www.greenstone.org/
greenstone digital library
Welcome :: Greenstone Digital Library Software
Page
Tools
greenstone digital library software
en fr ru es
Home Download Examples Wiki Support
Greenstone Blog
Read News about Greenstone
anet Greenstone
NEW Multimedia content brought under the spotlight
From Category: Other News
Wednesday 15th August, 2007
Multimedia capabilities in Greenstone are set for a boost over the next four years thanks to funding from the New Zealand government.
NEW Greenstone 2.74 released
From Category: Greenstone2
Thursday 2nd August, 2007
We are pleased to announce that Greenstone v2.74 is now available for download.
Congratulations, Veronica!
From Category: Other News
Thursday 5th July, 2007
Greenstone team member wins prize at JCDL for "realistic books"
About Greenstone
Greenstone is a suite of software for building and distributing digital library collections. It provides a new way of organizing information and publishing it on the Internet or on CD-ROM. Greenstone is produced by the New Zealand Digital Library Project at the University of Waikato, and developed and distributed in cooperation with UNESCO and the Human Info NGO. It is open-source, multilingual software, issued under the terms of the GNU General Public License. Read the Greenstone Factsheet for more information.
The aim of the Greenstone software is to empower users, particularly in universities, libraries, and other public service institutions, to build their own digital libraries. Digital libraries are radically reforming how information is disseminated and acquired in UNESCO's partner communities and institutions in the fields of education, science and culture around the world, and particularly in developing countries. We hope that this software will encourage the effective deployment of digital libraries to share information and place it in the public domain. Further information can be found in the book How to build a digital library, authored by two of the group's members.
The complete Greenstone interface, and all documentation, is available in
http://www.greenstone.org/blog
Internet | Protected Mode: On
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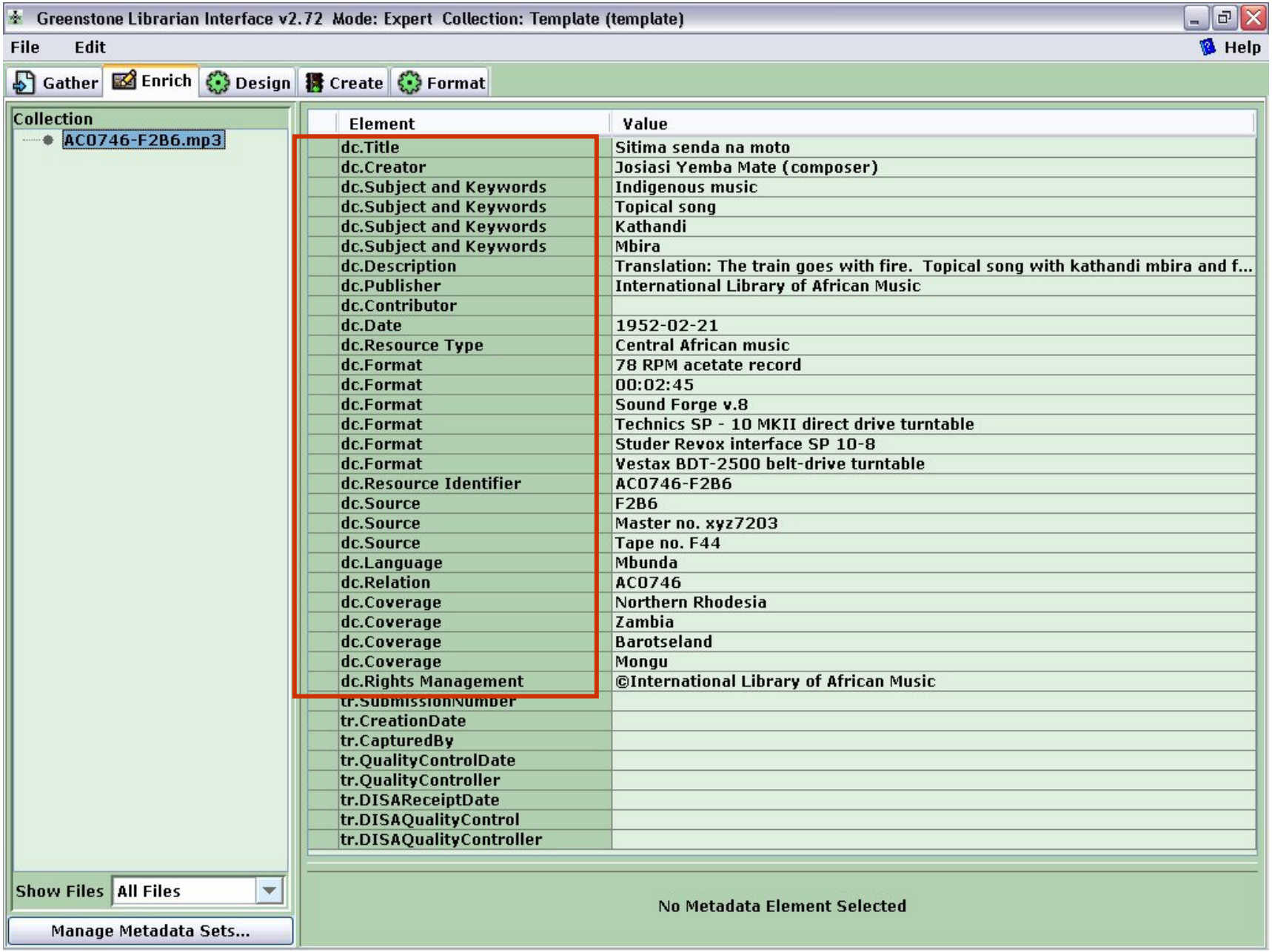
Dublin Core (DC)

- Descriptive metadata
- http://dublincore.org/documents/dces/


Greenstone Librarian Interface v2.72 Mode: Expert Collection: Template (template)
File
Edit
Help
Gather
Enrich
Design
Create
Format
Collection
AC0746-F2B6.mp3
Element
Value
dc.Title
Sitima senda na moto
dc.Creator
Josiasi Yemba Mate (composer)
dc.Subject and Keywords
Indigenous music
dc.Subject and Keywords
Topical song
dc.Subject and Keywords
Kathandi
dc.Subject and Keywords
Mbira
dc.Description
Translation: The train goes with fire. Topical song with kathandi mbira and f...
dc.Publisher
International Library of African Music
dc.Contributor
dc.Date
1952-02-21
dc.Resource Type
Central African music
dc.Format
78 RPM acetate record
dc.Format
00:02:45
dc.Format
Sound Forge v.8
dc.Format
Technics SP - 10 MKII direct drive turntable
dc.Format
Studer Revox interface SP 10-8
dc.Format
Vestax BDT-2500 belt-drive turntable
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AC0746-F2B6
dc.Source
F2B6
dc.Source
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dc.Source
Tape no. F44
dc.Language
Mbunda
dc.Relation
AC0746
dc.Coverage
Northern Rhodesia
dc.Coverage
Zambia
dc.Coverage
Barotseland
dc.Coverage
Mongu
dc.Rights Management
©International Library of African Music
tr.SubmissionNumber
tr.CreationDate
tr.CapturedBy
tr.QualityControlDate
tr.QualityController
tr.DISAReceiptDate
tr.DISAQualityControl
tr.DISAQualityController
Show Files
All Files
Manage Metadata Sets...
No Metadata Element Selected

Metadata creation

- Students funded by NRF
  - Music training
  - Interest in music
- Student training
  - Skills acquisition
- Controlled vocabularies (format; genre)
  - Minimise errors
- International standards
  - date
  - time

Development in progress

- African music thesaurus
- Guidelines for description
- Quality control guidelines

Development of a Profile

- Dublin Core
- Additional elements?
- Minimum requirements for good records?
- Audio recordings only?
- Text documents (eg sheet music)?

Challenges

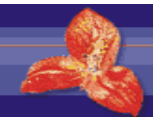
- Keep it simple

but

- Rich metadata
- Oral traditions
- Not well documented
- Large amount of Optional elements

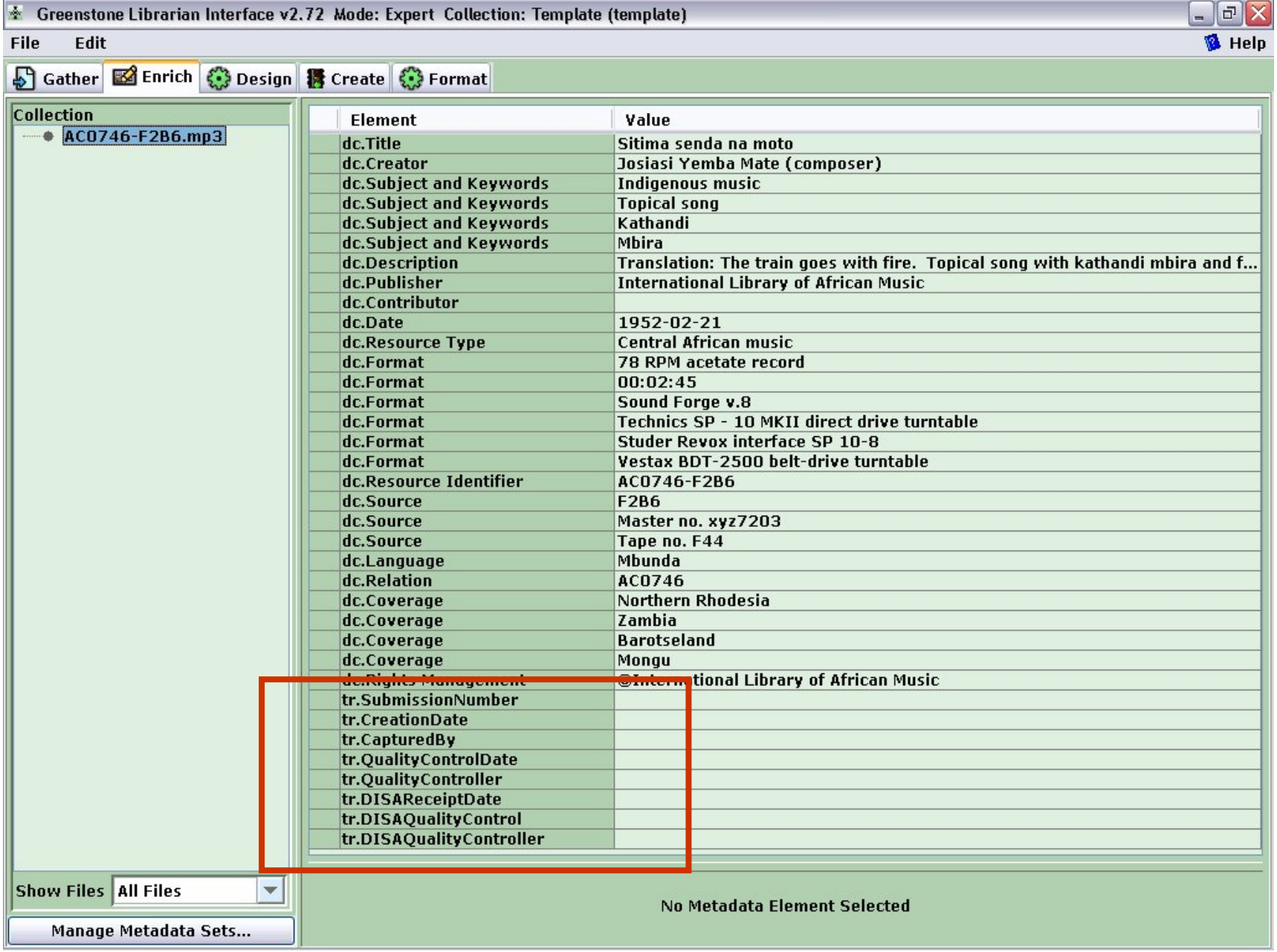
Guidelines and observations

dc Term	Guidelines and observations	Required/ Optional	Repeatable/ Non-repeatable
dc:Title	Often no available title	O	NR
dc:Creator	Lyricist/Composer/Performer/Arranger	R	R
dc:Conrtibutor	Engineer/Producer/Musician	R	R
dc:Subject	Preferably from a controlled vocabulary	R	R
dc:Description	Text description or list of contents	R	NR
dc:Publisher	Publisher of the recorded music	O	R
dc:Date	Date of recording, date of event ISO format	R	R
dc:ResourceType	Select from a controlled vocabulary	R	R
dc:Format	Physical format, recording length ISO format, digitisation hardware and software	R	R
dc:Identifier	Institutionally defined. Preferably a URI/URL	R	NR
dc:Source	Album, Event	O	NR
dc:Relation	Track	O	NR
dc:Coverage	Geographical area from which the music originates and about which the music covers	O	R
dc:RightsManagement	Copyright symbol	O	R
dc:Language	Language of the lyrics	O	R



Profile as a means to ensure quality

- Enforce standards across the collections
- Ensure accuracy and integrity
- Work flow – tracking
  - Accountability
  - Seamless
  - Production figures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dc.Coverage
Mongu
tional Library of African Music
tr.SubmissionNumber
tr.CreationDate
tr.CapturedBy
tr.QualityControlDate
tr.QualityController
tr.DISAReceiptDate
tr.DISAQualityControl
tr.DISAQualityController
Show Files
All Files
Manage Metadata Sets...
No Metadata Element Selected

Community of Practice

- group of practitioners sharing a common interest
- willingness to work together
- specific area
- common goals
- hasten skills transfer
- virtual collaboration

Requirements

- Collaboration
- Training
- Testing
- Feedback
- Publishing

Contacts

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- SAMAP:

http://aboutdisa.ukzn.ac.za/samap/search.htm

- ILAM

http://ilam.ru.ac.za/index.php